

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,849,557 B1  
DATED : February 1, 2005  
INVENTOR(S) : Ko

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item [56], References Cited, U.S. PATENT DOCUMENTS, should read:

4,672,740	06/1987	Shirai et al.
4,807,016	02/1989	* Douglas
4,818,335	04/1989	Karnett
5,037,777	08/1991	* Mele et al.
5,063,189	11/1991	DeBruin et al.
5,192,703	03/1993	Lee et al.
5,208,176	05/1993	Ahmad et al.
5,210,047	05/1993	Woo et al.
5,229,311	07/1993	Lai et al.
5,269,879	12/1993	Rhoades et al.
5,298,465	03/1994	Levy
5,312,768	05/1994	Gonzalez
5,323,047	06/1994	Nguyen
5,393,704	02/1995	Huang et al.
5,403,779	04/1995	Joshi et al.
5,422,308	06/1995	* Nicholls et al.
5,430,328	07/1995	Hsue
5,478,772	12/1995	Fazan
5,482,894	01/1996	Havemann
5,485,035	01/1996	Lin et al.
5,550,071	08/1996	Ryou
5,611,888	03/1997	* Bosch et al.
5,658,425	08/1997	Halman et al.
5,685,914	11/1997	Hills et al.
5,705,427	01/1998	Chan et al.
5,731,242	03/1998	Parat et al.
5,747,369	05/1998	* Kantomahanti et al.
5,780,338	07/1998	Jeng et al.
5,783,496	07/1998	Flanner
5,792,703	08/1998	Bonner et al.
5,817,579	10/1998	Ko et al.
5,821,594	10/1998	* Kasai
5,830,807	11/1998	Matsunaga

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page (cont'd).

5,851,896	12/1998	Summerfelt
5,871,659	02/1999	Sakano et al.
5,908,320	06/1999	Chu et al.
5,946,568	08/1999	Hsiao et al.
6,065,481 A	05/2000	Fayfield et al.
6,074,488	06/2000	Roderick et al.
6,074,958	06/2000	Tokunaga et al
6,117,788	09/2000	Ko
6,117,791	09/2000	Ko et al.
6,121,671	09/2000	Ko et al.
6,153,490	11/2000	Xing et al.
6,159,862	12/2000	Yamada et al.
6,165,880	12/2000	Yaung et al.
6,171,970 B1	01/2001	Xing et al.
6,174,451 B1	01/2001	Hung et al.
6,183,655 B1	02/2001	Wang et al.
6,254,966 B1	07/2001	Kondo
6,277,758 B1	08/2001	Ko
6,337,285 B1	01/2002	Ko
6,362,109	03/2002	Kim et al.
6,372,605 B1	04/2002	Kuehne et al.
6,432,833 B1	08/2002	Ko
6,458,685 B1	10/2002	Ko et al. --

FOREIGN PATENT DOCUMENTS, should read

--	61-133,555	12/1984	Japan (Varta)
	60-042,821	03/1985	Japan (Sato)
	0 496 614 A1	07/1992	EPO (NEC)
	0 465 044 A2	08/1992	EPO (AT&T)
	04-239,723	08/1992	Japan (Nakano)
	6-69166	03/1994	Japan (Tokuhiko)
	0 680 084 A1	04/1995	EPO (Texas Instruments)
	8-181121	07/1996	Japan (Fujita)
	8-250449	09/1996	Japan (Tetsuo)
	0 763 850 A1	03/1997	EPO (Applied Materials)
	WO 98/49719	11/1998	WIPO (Micron) --

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page (cont'd).

OTHER PUBLICATIONS, should read:

-- Abatchev et al., *Study of the Boron-Phosphorous Doped and Undoped Silicate Glass Etching in CHF<sub>3</sub>/Ar Plasma*, 96 ELECTROCHEM. Soc. PROCEEDINGS, No. 12, pp. 522-530 (1996).

W.G.M. van den Hoek et al., *Isotropic plasma etching of doped and undoped silicon dioxide for contact holes and vias*, 7 J. VAC. SCI. TECHNOL. A., No. 3, pp. 670-675 (May/June 1989).

Serial No. 09/945,508; Filed 08/2001; Ko

Column 3,

Line 12, please delete "s" after "undoped".

Line 56, please delete "arc" after "stacks" and insert -- are --.

Column 5,

Line 23, please delete "in" after "28" and insert -- is --.

Column 6,

Line 33, please delete "enchants" after "fluorinated" and insert -- etchants --.

Line 40, please delete "enchant" before "is a" and insert -- etchant --.

Column 9,

Line 43, please delete "contract" after "forming a" and insert -- contact --.

Column 12,

Line 5, please insert -- pressure -- after "at a".

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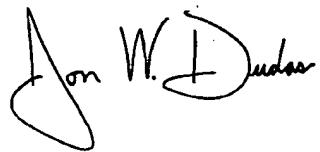
Page 4 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 13,  
Line 41, please delete "1millitorr" after "about" and insert -- 1 milltorr --.

Signed and Sealed this

Thirteenth Day of September, 2005



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*